



**May
2016**

The Surrey Amateur Radio Club

Communicator



SARC Annual FoxHunt May 21st
See Page 22

May 2016



At The Last Meeting...

SURREY AMATEUR RADIO CLUB

TELEPHONE & ADDRESS

(778) 806-4662

12144 - 57A Avenue
Surrey, BC V3X 2S3
SARC@ve7sar.net

EDITOR

John Schouten VE7TI
SARCcommunicator@outlook.com

WEBMASTER

Howard Ticzon VA7HTZ

NET MANAGER

Garvin Yee VA7YEE

QSL MANAGER

Heinz Buhrig VA7AQ

REPEATER MANAGER

Mike Plant VE7AT

MEMBERSHIP

John Brodie VA7XB

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At The April 13, 2016 Meeting...

Meeting called to order at 7:06pm

Scott Hawrelak VE7HA hosting the meeting tonight

24 members in attendance

Welcome

Scott welcomes the guests and new members. Reminder Timbits from Jinty in the coffee room. Thanks Jinty

Committee Reports

Financial Update

Scott Hawrelak VE7HA. Scott provided a financial report and a reminder that dues are required by June for AGM voting. Paypal is encouraged. As usual the club's books are available for review anytime.

Membership

83 members + HAM class close to 97 now including the 14 attending the class.

Annual General Meeting

Update from Stan Williams VA7NF. Our usual meeting place, at the PREOC may not be available for the AGM meeting due to another booking. At the AGM we need to elect 5 directors this year and will be presenting a notice of motion for a by-law revision. (See page 4 and 5). We are still looking for a volunteer to coordinate the nomination process.

Foxhunt

Update from Anton James VE7SSD. The Foxhunt is May 21st this year at 9am. It's 100 minutes long and then there will be a BBQ lunch served afterwards. The location is at South Surrey's Crescent Park. There will be an 80m foxhunt for the first time. We will also have a 2m foxhunt this year. There are receiver kit assembly session on May 1st for those that purchased kits and would like to get help with assembly. The Foxhunt is always looking for extra help, please contact [Anton](#) if you're available.

Communicator

John Schouten VE7TI is going to start working on this in the next day or two. We are always looking for club content so please send any articles to [John](#).

Repeater

Mike Plant VE7AT (absent) We may need to re-visit linking of the repeaters.

Club Net

Garvin Yee VA7YEE had no issues to report.

QSL Bureau

Heinz Buhrig VA7AQ(Absent)

All QSLs are caught up at this time.

Website

Howard Ticzon VA7HTZ has prepared a design for a new site and it's in a temp folder and shared with some of the executive so far.

Field Day

Update from Stan Williams VA7NF

Coming up soon and we're leaning towards having a more social field day than a full scale contest day.

School grounds should still be available. The date is June 25th Saturday.

Ham Classes

John Schouten VE7TI reported that the class is going quite well to date in week 3.

SEPAR

No update

Equipment

Need battery on the big tower stored at No 11 Firehall. Offer from John Brodie to sell the club a new battery he does not need at 50% his cost. Motion from Al Neufeld VE7CDC to purchase the battery from John for \$50 if it fits in the antenna tower base. Motion seconded by Dixie Mogg VA7DIX, motion passed unanimously

New Business

Stan Williams VA7NF reports that Mike Plant VE7AT started the process of arranging Christmas dinner at the Occasions by the pond restaurant with a cost of \$30 per person. Discussions followed on evaluating the parking & stair access for those with accessibility

requirements. Also some discussions on the additional \$5 cost.

Rob Marshall VE7RVM

Cub Scouts to check in to the net next Tuesday looking for volunteers to help coordinate.

Stan Williams VA7NF

In April 2017 a group from Canada will be going to Vimy Ridge for the 1st centenary to setup a station call sign VE100VIMY. <http://ve100vimy.ca/>

The Committee is looking for donations from local radio clubs. Stan made a motion to donate \$100 to the cause. Motion seconded by John Brodie VA7XB, Motion passed unanimously.

Coffee Break

Presentation: Jeremy Morse VE7TMY Clubhouse Update

The location, layout including parking and north and south entrances was discussed. Planning to have 1 large radio room for SARC/SÉPAR use. There followed a review of all donated items to date. We are still

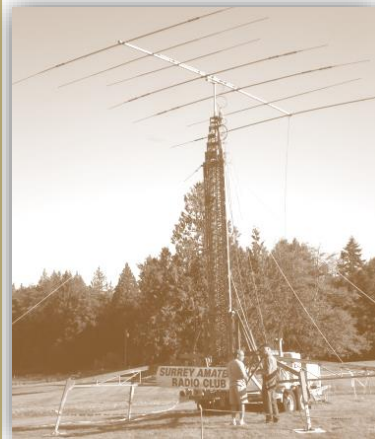
looking for some LCD monitors, keyboards and mice. We have a surplus of desks, so if any members need a free desk, let us know. Some other clubhouses were described and their images from the internet shown. Many are single room multi-op stations which is the direction we're taking for our clubhouse already. There is a potential of an RCMP lease for the entire building, but if so, the City of Surrey is still committed to finding a space for our use. We are not making permanent or costly changes to the clubhouse until this has been confirmed.

There was a motion from Kjeld Frederiksen VE7GP to have the field day at the clubhouse. Motion seconded by John Brodie VA7XB Motion carried with 1 against, 2 abstained.

Discussion ends abruptly due to lack of time. More discussions are likely as planning and setup of the clubhouse continues.

Meeting adjourned at 9:20pm

~ Minutes prepared by
Jeremy Morse VE7TMY



The **SARC Communicator** is published monthly except July and August for members of the Surrey Amateur Radio Club.

To subscribe, unsubscribe or change your address for e-mail delivery of this newsletter, notify **SARCcommunicator@outlook.com**

Non-members living in the Greater Vancouver area may receive one trial issue.

Beyond our membership area, annual Communicator subscriptions are available for a \$5 donation towards our Field Day fund.

SARC maintains a website at **www.ve7sar.net** that includes club history, meetings, news, photos and other information.

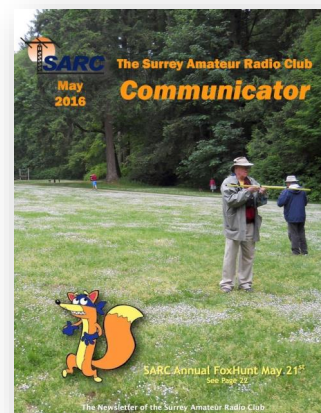
Kalmar Koffee Klatch Reminder



The SARC Weekly Koffee Klatch is on Saturday at the Kalmar Restaurant at 80th and King George Hwy in Surrey at 9:00 am. Bring your significant other, bring your family, see old friends and have fun.

On The Cover...

Our annual FoxHunt takes place on Saturday, May 21st at Crescent Park in South Surrey. Even if you're not a fox hunter yourself, come down and watch, or accompany a participant, and enjoy the barbecue lunch afterwards. It's one of the club's best events and an opportunity to learn the application of radio direction finding and get some exercise and fresh air as a bonus.



May 2016

NOTICE OF ANNUAL GENERAL MEETING

of the

SURREY AMATEUR RADIO CLUB

JUNE 8, 2016 AT 7:00 PM

EMERGENCY MANAGEMENT BC OFFICES

14275 96TH AVENUE, SURREY, BC Note

AGENDA

1. Welcome, call to order and confirmation of quorum
2. Approval of agenda
3. Approval of 2015 AGM minutes
4. Presentation and approval of Annual Financial Statements
5. Amendments to the SARC Constitution & Bylaws
6. Announcements
7. Committee reports
8. Other/new business
9. Election of Directors
10. Adjournment

CALL FOR NOMINATIONS

Members elect up to eight Directors. Three current Directors have one year remaining in their term. One Director will be elected for a one year term and up to four others will be elected for a two year term.

Directors in caucus appoint the President, Vice President, Secretary and Treasurer.

Directors continuing for the second year of their 2-year term are:

Schouten, John VE7TI

Plant, Mike VE7AT

Hawrelak, Scott VE7HA

Nominations will be taken from the floor.



Reminder!!!
My SARC
membership
renewal is due

Only members in good standing may vote at the AGM
This requires that dues be paid for the 2016/2017 fiscal year prior to, or at, the AGM.

Note The PREOC may be activated for response to the Spring freshet. If so we may have to amend the location of the AGM. Members will be notified via email if there is a change of venue.



SARC Annual General Meeting

Al Peterson VE7ALZ

Notice Of Motion: Bylaw Changes

At the upcoming May General Meeting a motion will be proposed to amend our SARC bylaws as follows:

Currently Reads

5e. Meetings of the Executive shall be at the call of the President.

7c. For a person to be accepted as a nominee for the position of Director, that person shall be a member in good standing with the Club.

Proposed Amendment

5e. Meetings of the Executive shall be at the call of the President or Executive majority and held at a mutually agreed upon location.

7c. For a person to be accepted as a nominee for the position of Director, that person shall be a member of the Club for a minimum of one year in good standing with

Add

6f. All committees must report to the Executive monthly.

6g. All committee members must be members in good standing

7k. Only members whose annual dues are paid by the AGM are eligible to vote.

10c. The Director spending limit shall be an amount approved by a majority of the members at a regular scheduled general meeting.

10d. The Director spending limit is defined as the monthly amount the Directors may spend without authorization from the membership.

10e. Expenditures in excess of the spending limit, by a Director, must be discussed and approved by a majority of the Club Directors prior to a vote at a general meeting.



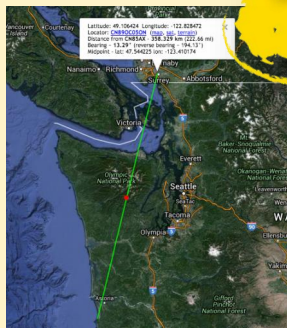
Otto Eppers' QSL Card Of The Month.

Don't know Otto? See The Communicator September 2015

Grid Square Distance Locator

To find your QTH locator, click at your location on the map. To find the corresponding grid square, enter QTH locator. If you know the location of the station you wish to work, fill its grid square in the second box to approximate distance, mid-point and bearing between grid squares.

Try it at URL: <http://no.nonsense.ee/qth/map.html>



TIP



May 2016



Opinion: An On-air Crisis?

If we don't use it, Will we lose it?

There is a crisis happening on the VHF/UHF bands (and not just in the UK)

Posted on 14 April 2016

The following article was published on Facebook by Selim MOXTA from the UK.

My Fellow Radio Amateurs. This is very important in the state of our hobby. Could you spare 15-20 minutes of your time to read what I have to say regarding a crisis that is occurring in our Amateur Radio hobby?

At this time, in my opinion, there is a crisis happening on the VHF/UHF bands. The following bands affected are:

- 6m / 50-52MHz
- 4m / 70MHz
- 2m / 144-146MHz
- 70cm / 430-440MHz

Flat Band

The HF bands are fine, lots of activity on there. There's nothing to worry about on there. (Thank Goodness!)

I'm from the UK (If any of you reading from outside the UK) We have a record amount of licensed amateurs in the UK in 2016 (nearly 70,000) and thanks to the 3 tier licensing system it has saved the hobby from extinction in the UK. However...there is another impending crisis not only affecting the UK, but in Europe and beyond as well!

First of all, I've been listening on the Amateur Radio bands since 1995 (when I was 11). I've always loved radio all of my life and I finally got my first foundation Amateur Radio Licence when I was 19 in 2003. Now I am 31 I still enjoy the hobby today and I never give up on one thing which I feel it's my duty to promote and I for one should not be alone doing this.

I live in Essex, close to London and from what I remember in the 90's (and I've been told in the 80's and before) that the VHF/UHF bands were buzzing! You can always find a QSO and someone to have a QSO on 2m and 70cm. However, since the mid-late 00's and into this year 2016, as the months and recent years passed, activity is going down and down and down all over the UK and I would like to know, why?

"The Internet"

It's not the internet's fault! It's not the 3 tier licensing system's fault! Everyone is to blame! Although I feel that 50% of the internet is helping Amateur Radio and the other 50% is helping to kill Amateur Radio. The internet should not be seen as an alternative communication system and not comparable to Amateur Radio!

The hobby has been with us for over 100 years and long shall it continue in its current form!

Amateur Radio is free to air, RF to RF communications is always available no matter what on VHF & UHF (HF depending on conditions)

With the rise of D-Star (DV) and DMR, these things have put an utter strain and demise of FM & SSB activity on 2m and 70cm and I do

not support these systems as they need the internet to work to the full functionality of the system.

NO! What if America one day flicks the big switch on the internet? It's gone! What if hackers target the extreme core of the internet and bring the whole world's internet communication down which we rely on every day? Maybe?

The point I am making here my fellow Radio Amateurs is that I know many of you



Salim MOXTA



feel disgruntled and disheartened that many of you think there are very few or nobody out there on 2m and 70cm.

I ask others amateurs why is no one on? The reply I got was that people are busy in their lives and working. Erm.... yes? But back in the 70's, 80's and 90's and into the millennium that everyone had busy lives but they all still came onto 2m and 70cm and has QSO's with everybody on the bands? Right??

...and don't forget guys, the population of Radio Amateurs is much less compared to today!

Many amateurs out there have 2m/70cm but they choose not to put their radio on, calling CQ many times in different parts of the day, even weekends. They think no one is out there and they just sit and listen (licensed Short Wave listeners).

"Get on air"

So what I would like to say to all of you. Please encourage yourself back onto 2m and 70cms.

Call CQ more often;

Keep calling and don't give up!

Encourage more amateurs onto the band;

Form weekly or daily nets;

Talk to your fellow Radio Club members and get them back onto 2m and 70cm if they have left years ago?

I know that many amateurs give up too easily and call CQ then give up. The worst thing they could do is sell their radio with 2m/70cm and take their antennas down.

Don't you think by someone doing that it would make one less person on that band. Then that person who has left, another amateur pops up and hears no one on, and that person who left is absent? Then that person does the same thing the other person does. Sells the gear out of frustration. It's a counter-productive and destructive attitude that works towards the demise and lack of activity on those bands.

I urge all of you to do more to promote more activity on the 2m and 70cm bands, this includes FM, CW and SSB. If it gets worse, then as the old saying goes "If you don't use it, you'll lose it" OFCOM would surely come along and take away our beloved 2m and 70cms and what would happen if they did? The blame game starts between amateurs, there would be outrage, everyone would be up and arms about it. The uproar thus defragmenting our Radio Amateur Community further.

Another thing that has contributed to the lack of activity on 2m and 70cms is that the abuse of repeaters by idiots and on simplex frequencies. These things have put off countless Radio Amateurs over the years and they were so put off they vow never to return to 2m and 70cm. If you are one of those people, please, give it another chance? I cannot stress that enough! Just ignore and carry on. I have over the years and I won't let things like this put me off!

We need more amateurs using the 2m and 70cm bands than ever, and I know I'm a young whipper snapper compared to most of the membership in this group.

"More Youngsters"

Also to another unrelated thing to this. We need to get more youngsters into the Amateur Radio hobby! In my radio club we recently passed 5 youngsters on our Foundation course in the UK thus we are helping to protect our hobby in the future to come!

But I am striving, campaigning and trying to get more activity back onto 2m and 70cm where rightly there should be more activity on those bands at all times... like it was years ago.

There is no reason to stop normal, fruitful and progressive, and not depressive activity, to naturally occur on these bands. Also down my way and beyond I'm mainly known to promote more activity on the 4m band! In the last few years I've encouraged many amateurs to get onto the 4m band! This trend is growing all the time and more and

more people are now getting onto the 4m band by buying the following radios:

- Anytone AT588 FM 70MHz transceiver
- Wouxun KG-UV950PL Quad band 4/6/2/70
- ICOM IC-7100 & ICOM IC-7300

Year ago many got onto the 4m band using old PMR rigs and transverters. Not everyone was a fan of this to get onto 1 band but now times have changed and there are now more commercially made radios and antennas made for the band including the SIRIO CX-4-68 & the Moonraker 5/8 co-linear vertical antennas. Also Moonraker makes a very good mobile antenna for 4m.

"6 Metres"

For years, ever since 1986 when the UK got the 6m band, very few people have been getting onto the FM side of the 6m band. Yes, most of you use 6m during the SP-E season on the SSB/CW side, but you can use the FM side any time of the year and the simplex part of the FM section of the band is desperate for your activity, and it's much easier to get onto the 6m band, so there is no excuse!

Summary

I know many of you won't like what I've written here today... You can curse, have a go at me and criticize me in a bad way... To be honest, I don't care and I will not stop in my efforts to get more of you and encourage you all to use all the VHF/UHF bands again!

Many amateurs out there have 2m/70cm but they choose not to put their radio on

May 2016

More News...



HAM radio enthusiasts around the world are excited the past few weeks because they've had the rare chance to receive and decode television signals from the International Space Station.

decoded and turned into pictures. The technology is how we first sent images from the moon to Earth. "Unlike normal television that takes a lot of bandwidth, it sends it quite a bit more slowly on narrower bandwidth," Ryan Reynolds, an amateur radio operator who received the picture you see at the top, told me. "It took me three minutes to get a full picture." The images seem to mostly contain waving astronauts, though a few people have scored space race-era images from both the Russians and Americans on the station. The images do indeed come from audio—it sounds like this: People around the United States have had mixed luck grabbing the signals—a cloudy night, interference, or a lackluster antenna can garble the picture. Few of the images I saw were quite as crisp as Reynolds's. Reynolds says if you know what you're doing, it's not a particularly expensive or difficult hobby to get into. "There are guys doing this with homemade antennas that are \$20-\$30, and a handset radio can cost \$30 on Amazon," he said. "From there, the software is free, you can do this."

Check out the video at:
<https://youtu.be/JJW0MBIZk>

The ISS is outfitted with an amateur radio that allows it to send and receive signals from Earth. Astronauts aboard the spacecraft occasionally use it to communicate with students as a whoa I'm talking to an astronaut from my classroom sort of exercise. There have even been times when bored astronauts have turned on the radio and started talking to random people around the world.

But every once in a while, the ISS has an announced "event" where it broadcasts signals to amateur radio enthusiasts. This week, it's sending out what's known as "Slow Scan TV"—radio waves that can be

(Continued from page 7)

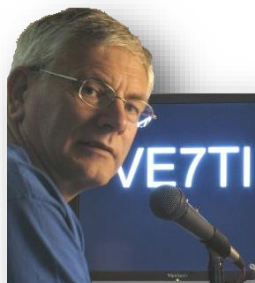
I feel I have to do this before it's too late and save this crisis from a point of no return! But that won't help anyone or these matters and my commitment, dedication and my utmost efforts to get more amateurs to use the 2M, 70CM, 4M & 6M. It seems like I'm the only one who is speaking up about these matters... if I'm not doing it... who is? Exactly! I rest my case...

Please feel free to spread my message to everyone you know. It needs to be done and no matter what I want to get my message out there to all of you!

Thank You & Kind Regards

~ Selim MOXTA

A reminder that May 7 is Repeater Day (see pg 12)



A Course Update

John Schouten VE7TI

The Antenna Building Workshop



We're now in week 5 of 8 at the Basic course and things are progressing nicely. We have covered the Introduction to Amateur Radio, Ohms Law, basic components, propagation, transmission lines, antennas

and block diagrams of receivers and transmitters. One big section is yet to come, and that is Rules and regulations. It's big because it typically counts for 25 to 30% of the exam questions.

session and brings home many of the points that are discussed in the classroom sessions and offers many their first exposure to solder smoke.

There seemed to be some grinchers at the Surrey Fire Service Training Centre because we had some issues finding a suitable location to tune the antennas. We believe it was the result of some metal studs in the walls though we couldn't pinpoint the exact nature of the anomaly. We had a couple of antennas that tuned very well and some that were borderline, plus we had a batch of bad coax cable that had an aluminum sheath and would not take solder.

We will round out the course this month with the final exam the third week of May. All course attendees receive a

complimentary membership to SARC for the current year, and hopefully we will end up with some new permanent members and hams who will embrace our hobby.

"...hopefully we will end up with some new permanent members"



On Saturday, April 23rd we hosted the class at an antenna building workshop. It is one of those sessions that is hands-on and sets aside our course from the many others that are offered. In this session the students build a dual band roll-up J-pole antenna that they cut, solder and tune, then take home as their first antenna. It is a fun



May 2016



Radio-Active

Jinty Reid VA7JMR



Craig Winchar
VA7CLW

Craig originates from Winnipeg where he was born and raised and has lived and worked for most of his life. His family roots are Ukrainian from his father's side and Scottish/Irish from his mother's side. Craig became interested as a boy in radio from listening to his grandmother's short wave radio. Using that radio he tuned in to countries such as Ecuador, Europe, China and South Africa. At the age of 16 he obtained his Basic Ham Radio License with the call sign of VE4WI. As soon as he obtained his driving license, while in high school, and could get to his favourite fishing holes, he was off fishing, something which he still enjoys to this day. As a high school student he also liked to fix up old cars. Craig loved to swim and became a life guard. After graduating from high school he worked as an Air Traffic Control Assistant for 2 years. He then took the training and qualified as an Air Traffic Controller, all in Manitoba. After 33 years he was happy to retire and has been enjoying his retirement ever since.

Craig's first radio setup was a Johnson Viking Adventurer transmitter with a Heathkit VF-1 VFO. Receiving was via a WW2 surplus R1155. The receiver was rebuilt under the direction of Craig's Elmer, John Bell, VE4OL. Present day equipment includes a TS570D, Elecraft K1 and K2, FT817, and last but not least a FLEX 1500. Lots of little kits and homebrew around as well. He runs a maximum of 5 watts to a mag loop, a dipole and a full wave loop on 20 meters. The wire antennas are attic mounted. Shhhh! The HF noise level is pretty high in this townhouse complex, so some portable operating may be in my future.

In 1994 Craig and Leslie met and married in Manitoba. Between them they have 4 children and 6 grandsons, with 2 children in Winnipeg and 2 in the lower mainland of BC. When Leslie and Craig were dating, Leslie had showed an interest in ham radio and in getting her license, but after marriage she was happy to just let Craig be the only one to follow this pursuit. Leslie states, with Craig as an avid ham she is happy in the knowledge that at least she "knows where he is!"

As a couple, Craig and Leslie have enjoyed travelling in their 30 foot trailer across Canada and the USA with regular visits to the Rio Grande Valley, especially Weslaco, Texas where they have made quite a few friends. There they enjoy bowling, Karaoke and social gatherings. They also enjoy hiking and yoga. Leslie likes to crochet, read and do acrylic painting and is going to take a pencil crayon drawing course. However, her family and their 6 month old female Cavalier/Pug crossed dog called Frankie, are the important things in her life.

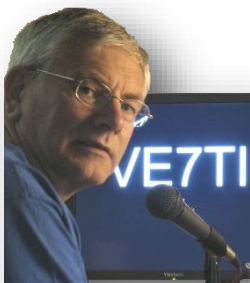
On August 2015 Craig and Leslie moved to Langley BC leaving behind the mosquitoes and minus 40 degree weather. Craig joined SARC in March of this year and states he is very impressed with all the things the club is involved in. His B.C. call sign is VA7CLW which is the one he will use in B.C. In Manitoba he was involved in the Manitoba Running Marathon communications. His main interest in ham radio is QRP, CW and Craig is interested in being involved in helping with Field Day.

Due to an upcoming family wedding, Craig and Leslie will be taking their first trip out of North America to attend this event which is being held in the Dominican Republic.

Leslie describes Craig as loyal, strong and as having a great love of family. Craig sees the same qualities in Leslie so they both feel they are a great match. Both of them are thoroughly enjoying retirement in BC and the freedom this gives them to become involved with their young grandchildren and to enjoy their hobbies. Welcome to BC and to SARC Craig and Leslie and we hope to see Leslie out at our social events.

~ Jinty Reid VA7JMR





Back to Basics

John Schouten VE7TI

From The Basic Question Bank

Questions B-003-019-003, 004 and 005 Ground Rods

B-003-019-003

To protect you against electrical shock, the chassis of each piece of your station equipment should be connected to:

1. a good ground connection
2. a dummy load
3. insulated shock mounts
4. the antenna

B-003-019-004

Which of these materials is best for a ground rod driven into the earth?

1. Hard plastic
2. Iron or steel
3. Fiberglass
4. Copper-clad steel

B-003-019-005 (NEW)

If you ground your station equipment to a ground rod driven into the earth, what is the shortest length the rod should be?

1. 2.5 metres (8 ft)
2. 3 metres (10 ft)
3. The station ground system must conform to applicable electrical code requirements
4. 1.2 metre (4 ft)

Electrical circuits may be connected to ground (earth) for several reasons. The best ground for one function isn't necessarily the best for another. The three are:

a. Safety ground. This protects you from a shock hazard if one of the mains or high voltage power supply wires contacts the chassis due to some kind of fault. The requirements for this ground are spelled out in your area's electrical code. The safety ground conductor in your wall sockets should be connected to ground according to this code, and your rig's chassis should be connected to the safety ground.

b. Lightning ground. The requirements for a ground for lightning protection are much more stringent than for a safety ground. If you have an outdoor antenna, you should have a lightning ground, even though lightning is not particularly frequent in southwest BC.

c. RF ground. This is required only for certain types of antennas, ones which require current flow to ground to complete the antenna circuit. An example is a quarter-wave vertical. One wire of the feedline connects to the base of the antenna, and the other connects to ground. The connection to ground has to have a low RF resistance, or you'll expend too much of your power heating the ground. A few radial wires will provide a moderately low loss connection. A ground rod will help a little, but the RF resistance will be high, resulting in quite a bit of loss. The best choice for a ground rod is copper-clad steel for the lowest resistance.

If your antenna is much shorter than $\frac{1}{4}$ wavelength, you'll need many, many radials to get reasonable efficiency. If it's longer, you can get

by with fewer. A $\frac{1}{2}$ wavelength base-fed vertical needs only a very modest ground, and a copper-clad ground rod is adequate.

The requirements for various other end-fed

antennas depend on their length. If you use a "complete" antenna like a dipole or a ground plane (that is, one that doesn't require your feedline to connect to ground), you don't need a RF ground, as long as you keep common-mode currents off your feedline. A "current" or "choke" balun is most commonly used for this.

The answers therefore are:

Answer to 003 is #1 A good ground connection;

Answer to 004 is #4 Copper-clad steel.

And the answer to 005 is #3. 3 metres/10 ft, used to be the correct answer. As codes change from province to province, IC has elected to move to answer #3.

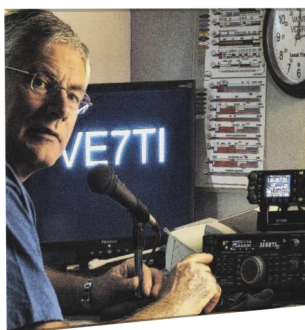
For further reading, Tom Rauch W8JI has excellent pages on [station grounding](#).

~ John VE7TI



Stan VA7NF works on grounding at Field Day 2015

May 2016



QRM

...from the Editor's Shack

*Do you have a photo or bit of club news to share?
An Interesting link?*

*Something to sell or something you are looking for?
eMail it to [SARCcommunicator @ outlook.com](mailto:SARCcommunicator@outlook.com) for inclusion in this column.*



Former SARC member John MacFarlane VE7AXU/VA7PX and his wife Catherine (now relocated to Vancouver Island), John Brodie VA7XB and wife Heather reminisce over old times at Gary's Bistro in Qualicum Beach.



The MacFarlanes have just completed construction of a new house which has lots of room for his BigIR vertical if not a tower and beam in the back yard, once the landscaping chores are taken care of. We look forward to seeing John back on HF again. John has joined the local ham club and plans to get involved. ~ John VA7XB

Your Editor became a grandfather for the 6th and 7th time in the past weeks. Adriana VE7PUP gave birth to a daughter named Quinn Mariana and Martin VA7MOB brought home a brand new daughter named Halle Joelle—must have been something in the water last summer. Everyone is doing fine. Meanwhile John VE7TI hopes at least one of the seven will be a VE7-2-B, as a matter of fact, at this rate, there might be enough for our own ham class in a few years. ~ John VE7TI



2nd Annual Repeater Day May 7

Coastal Ham Radio's 2nd annual Repeater day is Saturday May 7. The idea of repeater day is to bring to life the far too many seldom used repeaters we have. The aim of repeater day is quite simple. Between 11:00-15:00 on May 7 we are asking all hams to get onto their favorite repeater and make a contact or two. The link below will give you the details plus has links to repeater data pages for freq., offsets, tones etc. Any questions please email ve7hamradio@outlook.com

Hope to QSO with you on May 7 as we bring the repeaters back to life.

<https://coastalhamradio.wordpress.com/2016/04/02/may-7-2nd-annual-repeater-day-2/>

~ Gord VE7FKY



Page 13—News You Can Lose

The Lighter Side of Amateur Radio

Ham Realizes He'll Never Read Those Magazines Again

By K5PO, on the scene

TARTAN BLACKRIDGE, Pa. - "It's the collection of a lifetime," says Mel Sallute. He solemnly glances at the room in his eastern Tartan Blackridge home dedicated to the orderly storage of QST Magazines. It seems like thousands of them, though he assures it's "not quite 2,000."

Sallute was born in Tartan Blackridge in 1932 and became interested in amateur radio at a young age. "My Dad was a radio operator and shared the passion of the hobby with me. I was a General Class by my 17th birthday in 1949," he says. He joined the American Radio Relay League in the same year and began to receive their QST Magazine monthly.

"708 of the QSTs are mine from my personal subscription. I also have a few hundred from my uncle, also a ham for many years, and a dozen or so from my Dad. I also bought a large collection off another ham at a hamfest in 1973 for some reason. Mostly duplicates," Sallute said.

"Dad was famous as the 'Great Steady Carrier of the East' because he sorta became an SK and yet not at the same time... he passed away and his head fell on his straight key, sending a carrier for three weeks before they found him," he said.

Focusing back on the magazines, Sallute continued, "I guess I felt they would be a great resource, but I never read one after filing them away at the end of the month. I kept an orderly collection, assuming they'd have some value someday. In 1988, I started to get worried the weight of the magazines would put my house's

foundation at risk so I decided to sell them. I had my nephew bring his pickup truck over and we loaded boxes upon boxes into the back and took them down to the Waltville Hamfest. My initial asking price of \$7,500 for the collection was mostly getting sneers and laughs, so I dropped the price to free and still no takers. One ham did grab an issue and rip out pages to wrap some 3-500z tubes he'd bought and needed to transport home."

"I thought the turning point would be when my great-granddaughter got her ham ticket last year. I figured her eyes would light up when I showed her my QST collection that could be hers, but it just wasn't so. She said, 'Grandpa, I can get all those on the ARRL website now in digital form!'

"I dang near cried," he said. "At that point, I realized neither I nor anyone would ever read one of these again!"

At press time, Sallute was planning a large backyard bonfire fueled by QST Magazines, but he did have his great-granddaughter post an ad on QRZ.com for \$7500, just in case.

~ hamhijinks.com

'Grandpa, I can get all those on the ARRL website now in digital form!'



May 2016



SARC Presentation

John Brodie VA7XB

9th SurDel Scout Group

SARC was invited by Charles Lin of the 9th SurDel Scout Group and Lawrence Johnson, Venturer advisor for 9th SurDel to give a talk and demonstration of amateur radio to their scouts, who meet at Cougar Canyon Elementary School in North Delta. The interest was prompted by a recent article about SARC in the Surrey Now Newspaper.

Scouts range from grade 6-8 and Venturer Scouts grades 9-10, equivalent to ages 11-15, which is probably the age range when many of us have been bitten by the ham bug. We rightly viewed this as an opportunity to catch the interest of some prospective recruits to the hobby.

respectively. The scouts showed considerable interest in amateur radio, demonstrated by the 7 scouts and/or scout parents signing up for SARC's basic course which started on March 29th. We hope this leads to further involvement by the scouts.

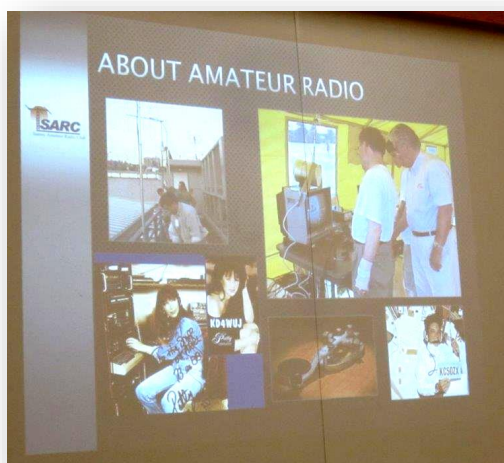
~ John VA7XB

We hope this leads to further involvement by the scouts



After first confirming that the Delta ARS was not planning to be involved, and giving some thought to the best type of presentation, we settled on April 7th for our visit to the scouts. John Brodie VA7XB communicated with the scouts to organize the event while John Schouten VE7TI and Al Peterson VA7ALZ handled the formal presentation and foxhunt demo,





John supplemented some introductory material with video footage of field day and the Jay Leno Tonight Show contest between CWers and texters.



A fox was set up by Al in the school grounds after the presentation, and the scouts got an opportunity to locate it using Al's tape-measure beams. Judging by their interest, an actual foxhunt for the scouts may be in the works for September.



May 2016



Adam's Tech Topics

Adam Foley N1RKW

What's The Best Radio For Me?

Adam Foley N1RKW has been around ham radio most of his life, but didn't smarten up and get his license until 2008. Since then he has gone on to great heights (the 12' high roof of his old house, and the 3rd floor apartment he's in now), and recently decided to take up writing a monthly column about ham radio and electronics, two of the subjects he knows a little bit about (but not much). He lives in Laconia, NH with his incredibly tolerant wife and equally tolerant son.

It's amazing how quickly a month passes when you spend half of it so sick you can't think right. Since I'm fairly certain that none of you want to hear about how sick I've been, I'll spare you the details. Suffice it to say, no one wants to feel like I did, least of all me. I haven't had a decent flu in more than 20 years, so I figured that getting a flu shot was something that I just didn't need to do.

Well, that was stupid. I'll never refuse a flu shot again.

As I was saying before I launched off on a tangent that no one wants to read about, it's amazing how fast time passes sometimes. More specifically, it's incredible how the deadline for this article jumped out of my calendar and yelled "BOO" at me, just as I was finally starting to feel a little better...

Fortunately for me and my still semi-functional brain, I already had a subject picked out. Some time ago I had asked a representative of HRO (Ham Radio Outlet: hamradio.com) if I could do reviews of various pieces of equipment, as I thought that they might make interesting articles for this series. I was told that per company policy HRO didn't do that, so if I wanted to do equipment reviews I'd have to actually purchase the equipment. Okay, that limits things a bit, as I don't have the cash reserves to buy ham radios just to review them. That means that this month's article will be reviews of some gear that I already own.

One question that I have heard a lot of people ask is, "What is the best radio for me?". The answer is, of course, "How the heck should I know?". In all seriousness, every one of us does different things in

the hobby, so only the person asking that question could possibly know the best answer, but that answer requires research about what the marketplace has to offer. There is, however, a radio that isn't quite all things to all hams, but is pretty darn close. That radio is, of course, the Yaesu FT-991.

I don't have one of those.

I do, however, have its older brother, the Yaesu FT-857D, which is a very capable radio despite being just a little bit long in the tooth. If you're looking for a small, do everything radio, the FT-857D is certainly a good rig to look at. It's only a little bit bigger than a typical mobile ham radio, but crams a lot of functionality into a small package. It is a multi-band rig that covers all of the HF bands (160M - 10M), as well as the 6 meter, 2 meter, and 70 centimeter bands (it does NOT cover the 1.25M band). Not only does it offer all of those bands, it is an "all mode" rig as well. This means that while operating on any ham band it covers, you can use FM (Frequency Modulation), AM (Amplitude Modulation), USB (Upper Side Band), LSB (Lower Side Band), CW (Continuous Wave/Morse Code), and even a digital mode optimized for packet use. This makes it one of only a handful of currently available radios suitable for doing 2m/70cm side band or CW. This was one of the primary motivating factors influencing my choice to purchase the radio. At that time I was also strongly considering the Yaesu FT-450 which, though an excellent radio for HF and 6m, doesn't cover 2m and 70cm. The extra capabilities of the FT-857 made the decision to go with it instead of the FT-450 an easy one.

The FT-857D is a real powerhouse despite its small size. It puts out a solid 100 Watts on all HF bands and 6M, 50 Watts on 2M, and 20 Watts on 70cm. This means that it draws a lot of power, so it probably isn't suitable for backpacking or extended battery operation (I do have a friend that actually does go backpacking with his 857, but he's a lot more of a man than I am). It is, however, an excellent choice for mobile HF operation, which I believe was its primary design consideration.



Many of you know that I recently moved into an apartment that is basically RFI Wonderland. This has given me an

opportunity to compare my various radios' abilities to work in high RFI environments. The FT-857D came out on top by a wide margin, easily outperforming the Yaesu FT-8900R, Yaesu FT-2800M, and Yaesu FT-1802M in terms of resolving weak signals and rejection of out-of-band spurious signals.

Yes, I am a bit of a Yaesu fanboy. I won't apologize for that...

I highly recommend replacing the microphone that comes with the radio with the optional MH-59 "remote control" microphone. This has the effect of bringing many of the most commonly used control functions of the radio out to the mic where they are easily accessible, saving the trouble of hunting through the 857's rather large menu system. Another option I strongly recommend is using an external speaker, as the one built into the radio is small and "tinny" sounding (a problem that is very common in amateur radios of all brands).

To summarize, the Yaesu FT-857D is an excellent all-band, all-mode radio that you will probably never regret purchasing. You would be hard-pressed to find another sub-\$1000 radio with performance and features on par with the 857.

Another excellent radio that you won't regret buying is the Yaesu FT-8900R (*right*). While the 857 does seem to outperform it in terms of RFI rejection, the FT-8900 is an excellent radio in every other way. Until recently, it was the only quad-band mobile ham radio on the market. In recent years there have been some competing quad-band radios out of China, but I don't have any experience with those. I have heard from other hams that they don't compare well with Yaesu's radio, but that is just hearsay, so please pretend that I never said it.

The FT-8900 is an FM only radio that covers the FM portion of the 10 meter, 6 meter, 2 meter, and 70 centimeter bands. Like the FT-857 (and most other multi-band radios) it does not cover the 1.25 meter band.

A quick aside to explain why the 1.25M band seems to always get left out: Here in the Americas, we are in ITU Region 2, which has an amateur radio band allocation at 1.25M (222 MHz). Asia is in ITU Region 3, which does not have that allocation. This is likely why that band is seldom included in Asian built radios. One excellent exception is Alinco's DR-235MkIII, which is a mono-band 1.25M mobile radio. It is a great choice for any hams looking to add 1.25M capabilities to their shack.

Back on the subject at hand, the FT-8900 has several key features beyond the number of frequency bands it covers, though having 4 bands in one small radio is pretty nice. Not only did Yaesu manage to stuff the electronics for a multi-band radio into a very small package, they did it TWICE. The 8900 is actually a dual-receive radio, meaning that it is actually like having a pair of radios packed into one enclosure. This is why you will sometimes hear hams refer to being on the "left" or "right" side of their radios, or more commonly "Oops, I was on the wrong side of my rig again". Having two radios in one makes it possible to listen to or monitor multiple frequencies on one side of the radio (using the radio's "scan" function, for example) while actively using the other side of the radio. The 8900, being a dual-receive radio, is also capable of what is called "cross-band repeat". This means



Yaesu FT-8900

Adam's column this month will be useful for anyone deciding which radio might suit their needs best

May 2016

Thanks for taking the time to read this. I'm always open for questions, comments, suggestions, and cups of hot chocolate. I can be reached by email at my call at hotmail dot com. If writing my email address that way actually fools the programs that prowl the internet looking for such things, I'll eat my hat.

that the radio can be used as a repeater, with the input on one band and the output on another. One way this can be useful is if you're out in the woods hiking and you want to be able to work a distant repeater with your handheld. You can transmit and receive from your handheld radio to your 8900, located in your vehicle for example, which will then retransmit to the repeater you are trying to maintain communications with. That is just one example of the hundreds of ways that cross-band repeating can be useful.

My very favorite feature of the FT-8900 is the set of 6 buttons on either side of the display. Remember car radios that had buttons that could be used to pre-set your favorite frequencies? I know that those are getting rare in this day where most cars have tablet computers crammed into their dashboards, but I think most of us probably remember the good ole' days when we listened to our favorite local radio stations while driving. Well, the 8900 has a very similar feature. Those 6 buttons can be used to set your favorite operating state, which can then be re-called any time. For example, the number "1" button in my 8900 sets the right side of the radio as the primary side (the side that transmits) and sets it to listen to the Gunstock 2M repeater on 146.985. At the same time, it sets the left side of the radio to "scan" mode. My "2" button sets the radio up with my preferred settings for operating during the Thursday night 6M net, "3" sets it up for the Monday night net, and so on. With the touch of a single button, I can set all of the major functions of the radio to whichever set of settings that I had previously set. This is handy enough when using the radio as a base station, but when mobile it is a potential life-saver. Instead of needing 10-15 seconds to make changes to my rig, I need only divert my attention from the road for a single second or two, as I only need to hit a single button.

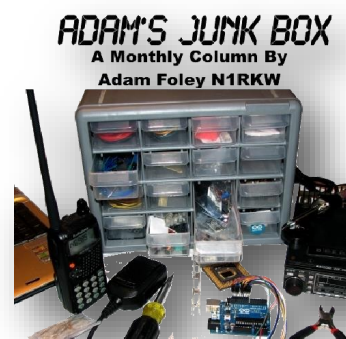
It is my opinion that if you are looking for a multi-band mobile radio to cover the VHF and UHF ham bands, you cannot go wrong with the FT-8900R. Right now they are priced better than ever, so it may be better to grab one quickly if you were already considering getting one.

If you want to get into the fascinating world of mobile HF communications or just looking for a compact all-band, all-mode radio, there is no better radio for this than the FT-857D in my opinion.

Both of these radios are well built and have excellent performance. Either one or both would be great additions to your ham shack.

I don't have the equipment or education to perform scientific testing of these radios, so any observations in this article should be considered to be anecdotal and unproven. They are, however, my own, real-world observations. I have done my best to give an honest representation of what I have seen in my own daily use of these radios. As usual, I welcome any comments, critiques, crippling remarks, or casual hatred you feel like slinging my way, and I can be found on the Gunstock repeater most of the time. If that doesn't work, you can write me at my call at hot mail.

~ Adam Foley N1RKW
Reprinted with permission



Guest Columnist Adam Foley N1RKW is a member of the Central New Hampshire Amateur Radio Club and contributes a monthly column "Adam's Junk Box" to their newsletter, also called The Communicator.

Adam also has a [YouTube Channel](#)



Tidbits from the Amateur Radio World

9-year-old in CQ World-Wide WPX Contest

Hope KM4IPF achieved over 50,000 points in the CQ World-Wide WPX contest held March 26-27.

Among the stations she worked were 5E5E in Morocco and YW4D in Venezuela illustrating again that Ham Radio lets you talk to the world!

Click on the link (*right*) and watch as KM4IPF Reaches 50K Points in the CQ WPX Contest

See more videos and find out how kids can get into Ham Radio at <http://www.HamRadio.World/>



"The Northwest's Largest Ham Convention"



Host of the ARRL Northwestern Division Celebration

June 3, 4 and 5, 2016

**Seaside Convention Center
415 First Avenue, Seaside, Oregon**

The Oregon Tualatin Valley Amateur Radio Community Services, Inc. and The Oregon Tualatin Valley Amateur Radio Club, Inc. sponsoring organization of SEA-PAC thanks the Clark County Amateur Radio Club for their continued support.

Please check our website frequently at www.seapac.org for updated information. The convention sponsors reserve the right to alter the convention schedule and programs. All registrants, including convention sponsors, are eligible for awards. Good luck to all!

**Talk-in: 145.450(-) Tone 118.8
www.seapac.org**

Seaside Convention Center
is a No Smoking Facility.
ORS 433.839 and ORS 433.875
No Pets Allowed in the Convention Center.

SEA-PAC Is Coming Up

The Pacific Northwest's largest Amateur Radio convention will be held in Seaside, Oregon June 3-5. The conference features workshops, numerous commercial ham radio vendors, connectors, antennas and much more including one of the West Coast's largest ham radio flea markets.

The setting is idyllic beside the Pacific Ocean at the Seaside Convention Centre. Further information at URL: <http://www.seapac.org/>

May 2016



The Contest Contender

John Brodie VA7XB

Featured Contact Of The Month:

My idea was to feature each month a brief pictorial of a new SARC contestant and one of the more interesting DX contacts confirmed during a contest. This would be a regular feature as long as we had a contest occurring that month and a member to participate. This time it was the CQ WPX contest held on 26-27 March 2016, in which Robert Fishwick VA7FMR, got his feet wet to see if DXing and contesting appeal to him. Apparently they do. We did not intend to compete, rather it was an opportunity to exercise the equipment and get a newcomer initiated (full disclosure: I am no wiz at SSB contesting myself; I simply know slightly more than the newbie).

With new operators, the technique is normally “search and pounce” so they get the idea of correctly copying callsigns, timing the response, confirming that the other station has heard our call correctly, providing our exchange and entering the information accurately in the log. Simple as it sounds, this does take some practice. Robert has a hearing problem (as I do) so it avoids frustration on both ends if the exchange information can be verified before the contact is actually made. This is really a confidence-building exercise.

For this contest, the exchange is RST followed by a sequential serial number. For simplicity, the RST is virtually always given as 599 regardless of actual, and the serial number can be anticipated by listening to previous contacts of the CQing station. Once experience is gained with search and pounce, the operator can move

on to “running”, i.e. calling CQ and awaiting others to respond. Many new contestants will require some time and practice before gaining the confidence to take this quantum leap, especially in an international contest when accents and pileups can be quite intimidating.

Confirmed DX contacts made by Robert include OM5ZW (Slovak Republic), IT9STX (Italy), S570ZRS (Slovenia), YT2I (Serbia), S55T (Slovenia) and 4L0A (Georgia).

Robert confirms he would like to do more contesting, and further opportunities will likely occur once our new club station is set up and operating.

~ John VA7XB

Below: Azimuthal map of the contact.





Here is the scoop on Robert's DX contact with Axel Serena EB3CW in Barcelona, Spain:

Axel was born in 1969. He lives in Bellaterra, a small village close to Barcelona. His previous callsigns were EB3CBR (1984) and EA4FSL (2009). Axel is an eQSL and LOTW user.

In his shack you can find the following equipment: Yaesu FT-9000D and Kenwood TS-990 and Yaesu Quadra 1 Kw Amplifier.

Axel also has

an impressive array of antennas: OptiBeam OB 21-3 at 98 feet, OptiBeam OB 18-6 at 118 feet, OptiBeam OB8030 at 131 feet and 2 Elements 80m Yagi plus 2 element 30m Yagi on the same boom.

He is a member of: ED1R Papa-3 Contest Team, URE Guadarrama Section, Radio Club Valles (home of MercaHam and Radio Club Henares).



From the RFI Reflector

I just moved into a new QTH. My detached garaged has Florescent shop lights and unlike the old QTH the RFI from these are pretty darn bad. Hash goes up into the FM broadcast band.

I did some reading through the RFI archives and I am not sure of the physical DNA of these units (classic or modern or cheap import). They are compact offering high energy output suggests solid state ballast but I have not popped one of them open yet to see what might be spewing the hash. Instead I find myself in a panic pondering in line filters (like Mousers TE Connectivity offerings), or maybe some snap on ferrite, or maybe combinations of both.

Sanity must prevail. There are four offending H-E-F's so I'm wondering what is the most prudent approach to killing or resolving the problem? Short of ripping them out, what might yield the biggest bang for bucks already sunk?

Mike K9MK/5

Mike, you will probably never get the RFI suppressed from those high freq ballasts. Replace the ballasts with 120V only rated ballasts that have a label on them that says for 'residential use'. Those are typically quiet RFI wise. The ones you have are probably commercial fixtures with a dual voltage ballasts where they can take multiple input voltages. Impossible to fix from my experience.

Short of replacing the fixtures with residential grade shop lights (which should have 120v residential ballasts in them) changing out the ballasts is all you can do.

I always open the box at the store and take the covers off the fixtures to look at the ballasts before I buy them. Residential use should be marked on the box and on the ballast.

73 and good luck.

Mike King - KM0T (Professional electrical engineer, PE. (Involved in lighting specification and consulting for the building construction market))

May 2016



SURREY AMATEUR RADIO CLUB 2016 RDF Foxhunt

**Saturday May 21, 2016 at
Crescent Park, South Surrey**

**Pre-Hunt Coaching, Registration & Instructions 0900 - 1000
Foxhunt commences at 1000 with barbeque at 1200**

To participate, you need a 2 m handheld radio with directional antenna. For those who have built kits, an 80 m foxhunt is also planned. However, if you are a beginner or don't have a radio, then come anyhow! You can be part of a more experienced team or we will have equipment that you can use.

Talk-in 147.360+ (110.9 tone)

**FOXHUNT – NO CHARGE;
BARBEQUE \$10**

All are welcome, but we ask that you RSVP Anton James VE7SSD jamesadf@shaw.ca and indicate if you plan to attend the foxhunt or BBQ or both

To get there, take Crescent Rd. west from King George Blvd near Hwy 99,
& turn off at 129th St. to parking & assembly area



May 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 Maple Ridge Swap Meet	2	3 1915 SEPAR Net 2000 SARC Net SARC Basic Course Session 6	4	5	6	7 REPEATER DAY 0900 Klub Koffee Klatch: Kalmar Family Restaurant, King George Blvd & 81 st Ave. CONTEST: New England QSO Party
8 Mothers' Day CONTEST: New England QSO Party (CW, SSB, Digital)	9	10 1915 SEPAR Net 2000 SARC Net SARC Basic Course Session 7	11 SARC General Meeting	12	13	14 0900 Klub Koffee Klatch: Kalmar Family Restaurant, King George Blvd & 81 st Ave. CONTEST: CQ-M International DX (CW, SSB)
15 CONTEST: CQ-M International DX (CW, SSB)	16	17 1915 SEPAR Net 2000 SARC Net SARC Basic Course Exam	18	19	20	21 0900 Klub Koffee Klatch: Kalmar Family Restaurant, King George Blvd & 81 st Ave. SARC FoxHunt
22	23 Victoria Day	24 1915 SEPAR Net 2000 SARC Net	25 SARC Exec Meeting	26	27	28 0900 Klub Koffee Klatch: Kalmar Family Restaurant, King George Blvd & 81 st Ave. CONTEST: CQ WPX (CW)
29 CONTEST: CQ WPX (CW)	30	31 1915 SEPAR Net 2000 SARC Net	For details on all SARC events, go to ve7sar.net For details on all SEPARS events, go to separ.shutterfly.com/calendar			

May 2016

CLUB EXECUTIVE 2015-2016

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Stan Williams VA7NF
(and SEPAR Liaison)

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(Communicator Editor)

Mike Plant VE7AT
(Repeater Manager)

Bill Gipps VE7XS

Al Peterson VA7ALZ

On the Web

ve7sar.net

Between newsletters, watch your e-mail for announcements of events, monthly meetings and training opportunities. These announcements can also be found on our web page, or via:

Twitter

[@ve7sar](https://twitter.com/ve7sar)

FaceBook

[SurreyAmateurRadio](https://www.facebook.com/SurreyAmateurRadio)

Our YouTube Channel

[SurreyARC](https://www.youtube.com/channel/UC...)

SARC Photo Albums

Web Albums

or

tinyurl.com/SARCphoto



QRT

Stan Williams—VA7NF

We must change to thrive!

We must change to thrive! I am, by nature or training, a trouble-maker who loves to “stir-the-pot”; so here goes a couple of stirs for your consideration.

First stir: This is a SARC membership call to action; a request for each of you to step out of the status quo and enter into the world of engagement. There are many ways that **you** may become involved and benefit from the experience. Please consider:

Host a topic of your (singular or plural) choosing and share your information through informal sessions. These may be conducted on VHF or now at the clubhouse. Perhaps a “how to build a workshop” and put one together in a clubhouse room. There is a wealth of information in the membership and many “birds of a feather” groups/topics are out there.

Offer assistance to organizers of events and accept delegation with the expectation that you may ask questions and learn from the experience.

Don’t be afraid of first attempt failures, most people are forgiving and we will (respectfully) bully any that aren’t into forgiveness. An example was my Field Day of last year. It was a success or a failure depending on the viewpoint; but we did learn a lot, one of which may have been “Don’t do QRP again” even though as a contest we wiped the Canadian competition. Please throw your support behind the change of venue and direction for this year.

Finally, the AGM is a month away and the opportunity to learn and guide is available to all members. Diversity is welcome and makes interesting meetings.

Second stir: Radio amateurs are members of the community (general population) and in the Surrey community there are two sister organizations that are currently estranged; that being SARC and SEPARS.

As a tutorial, SARC is a Club that is open to hams, present or in training, who come together sharing the hobby, whereas SEPARS is a society with a mandate from the City of Surrey to enhance the city “Surrey Emergency Program with Amateur Radio”. Due to involvement with schools and sensitive areas SEPARS membership requires a RCMP background check.

It is time to end the estrangement as both groups share community involvement, membership, and executive members.

73 and 88

(Ladies, if you don’t know, look it up)

~ Stan



It's May

Our usual topic for the May general meeting is Field Day. As we do not yet have a firm Field Day plan, we can hopefully work towards one at this meeting. It was decided at the April meeting that we would use the new clubhouse for our operating site, given that it has all the facilities that we require—rain or shine, and will require minimal set-up. While we may not be as competitive in 2016 as in past years, it is an opportunity to evaluate the site as a radio-friendly location and to fine-tune the future layout of the station.

Down The Log...

SARC Monthly Meetings

2nd Wed. (Sept-Jun)
1900 hr at the PREOC
Emergency Mgmt BC
14275 96th Avenue,
Surrey, BC

Weekly Club Breakfast

Saturday at 0900 hr
Kalmar Family Restaurant
8076 King George Blvd.
Surrey

SARC Net

Tuesday at 2000 hr local
on 147.360 MHz (+)
Tone=110.9

SEPARS Net

Tuesday at 1915 hr local
on 147.360 MHz (+)
Tone=110.9

VE7RSC Repeaters

2m: 147.360MHz+
Tone= 110.9Hz
IRLP node 1736
Echolink node 496228

1.2m: 223.960 Mhz -1.6
Tone=110.9

70cm: 443.775MHz+
Tone= 110.9Hz
IRLP node 1737

SARC hosts an Amateur Radio net each Tuesday evening at 8 PM. Please tune in to the VE7RSC repeater at 147.360 MHz (+600 KHz) Tone=110.9, also accessible on IRLP node 1736 and Echolink node 496228.

On UHF we operate a repeater on 443.775MHz (+5Mhz) Tone=110.9 or IRLP Node 1737.

	SARC Net 20:00 Hrs
1 st Tuesday Standby	Drew VA7DRW Brett VE7GM
2 nd Tuesday Standby	Jinty VA7JMR Sheldon VA7XNL
3 rd Tuesday Standby	Dixie VA7DIX Ralph VA7UB
4 th Tuesday Standby	Kapila VE7KGK John VA7XB
5 th Tuesday Standby	Robert VA7FMR Vacant
Want a turn at Net Control? Contact the SARC Net Manager	



We Have A SARC Patch!

These are suitable for sewing on a jacket, cap or your jammies, so you can proudly display your support for the club.

The price is \$4 each or three for \$10 and they can be picked up at a meeting or the weekly Koffee

Burnaby Radio Communications

Michael J. Wong VE7HMW
President/Owner
Commercial / Amateur Radio

4257 Hastings Street
Burnaby, B.C. V5C 2J5
Phone 604-298-5444
Fax 604-298-5455

Email: sales@burnabyradio.com
web: www.burnabyradio.com

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